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| 4. TITLE AND SUBTITLE<br><br>In Search of Knowledge  |   |  | 5. FUNDING NUMBERS                                |  |
| 6. AUTHOR(S)<br><br>George F. Hurlburt   |   |  |   |  |
| 7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)<br><br>Naval Air Warfare Center Aircraft Division<br>22347 Cedar Point Road, Unit #6<br>Patuxent River, Maryland 20670-1161   |   |  | 8. PERFORMING ORGANIZATION<br>REPORT NUMBER       |  |
| 9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)<br><br>Naval Air Systems Command<br>47123 Buse Road, Unit IPT<br>Patuxent River, Maryland 20670-1547   |   |  | 10. SPONSORING/MONITORING<br>AGENCY REPORT NUMBER |  |
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19991004 152



INSIGHTS

# IN SEARCH OF KNOWLEDGE

George F. Hurlburt  
DoD T&E Community Network

CLEARED FOR  
OPEN PUBLICATION

23 Aug 99

PUBLIC AFFAIRS OFFICE  
NAVAL AIR SYSTEMS COMMAND

*H. Howard*



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# **OVERVIEW**

**CONCEPTUAL BASELINE**

**TEST AND EVALUATION COMMUNITY NETWORK**

**THREE APPLICATIONS UNDER DEVELOPMENT  
FACITT**

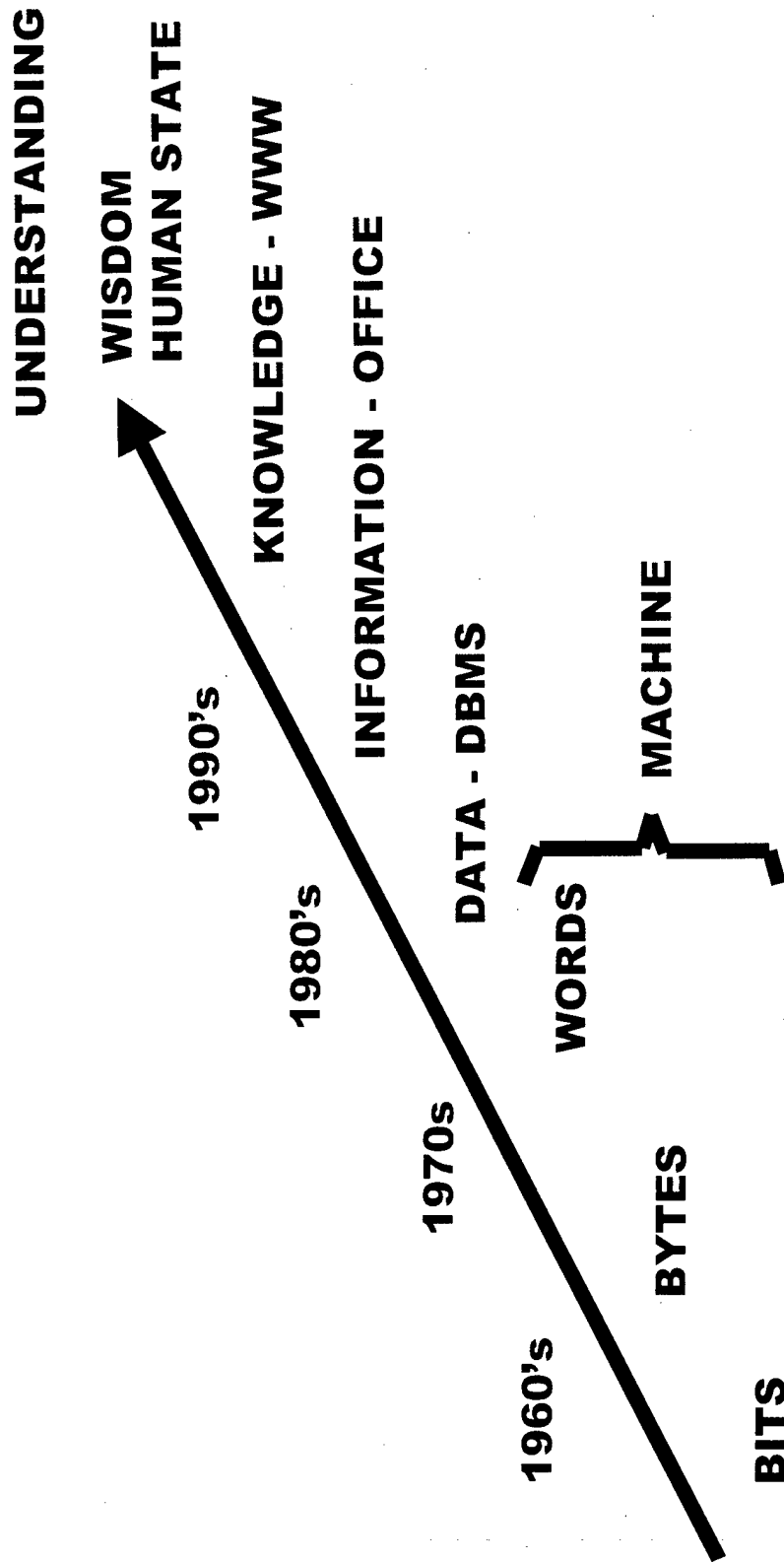
**INTERNAL CONFIGURATION MANAGEMENT**

**PROCESS BASED KNOWLEDGE SYSTEMS**





## AN AUTOMATION LEARNING CURVE





INSIGHTS



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TECHNOLOGIES

# TECNET/TECWEB

**TEST AND EVALUATION COMMUNITY NETWORK**

**TECNET HOME PAGE - LINKS TO ALL TEST AND  
TRAINING (T&T) RELATED PUBLIC WEB SITES**

**TECWEB - PASSWORD PROTECTED T&T EXTRANET  
TEST REQUIREMENTS PLANNING  
TEST INVESTMENT  
AGGREGATED FACILITIES AND CAPABILITIES  
SHARED PROGRAM PAGES**

**ALL PAGES SHOWN IN THIS BRIEFING ARE TAKEN FROM TECWEB**



UWS 10/12/99

TECWEB - Netscape

File Edit View Go Communicator Help **PM LIVE**

Test and Evaluation Community Web

**\*\*Announcements\*\*** · [TECWEB User Registration Form](#) · [Return to TECWEB Page](#) · [BETA Information](#)

**Login Procedure**

*You must have a TECWEB account to proceed past this page.*

When you click **SSL** or **NonSSL** below you will be prompted for a userid and password.  
You should follow the following procedures:

|                 |  |
|-----------------|--|
| <b>userid</b>   | Enter your TECWEB account userid.                      |
| <b>Password</b> | Enter your TECWEB account password. <small>NEW</small> |

Enter TECWEB:

Questions or Problems

· Contact tecadmin@N: 342-7501 · COM: (301) 342-7501

**Notes:**

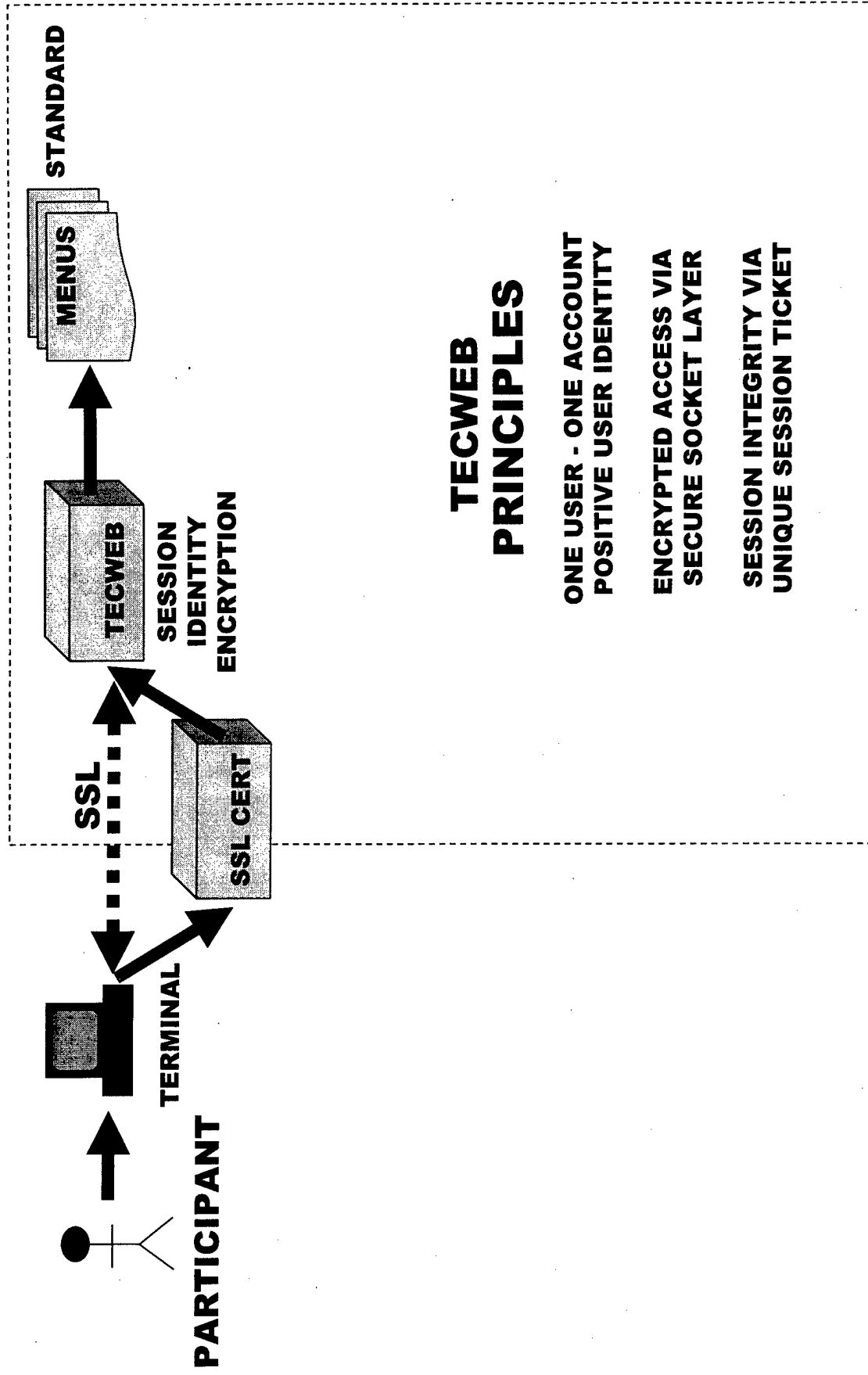
- Your ticket will expire after 60 minutes of inactivity. You will need to login again with a new ticket if the ticket expires.

Document: Done

Start | | Microsoft Po... | **TECWEB ...** | | 10:27 PM



# TECWEB INTERNAL SECURITY MANAGEMENT PRINCIPLES



## TECWEB PRINCIPLES

ONE USER - ONE ACCOUNT  
POSITIVE USER IDENTITY

ENCRYPTED ACCESS VIA  
SECURE SOCKET LAYER

SESSION INTEGRITY VIA  
UNIQUE SESSION TICKET











**INSIGHTS**



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# **TECWEB ACCESS CONTROL CONSTRUCTS**

**USERS ARE UNIQUE**

**GROUPS CONTAIN USERS**

**RESOURCES SUPPORT USERS AND/OR GROUPS**

**ACCESS CONTROL LISTS (ACL) CONTROL ASSIGNMENT  
AND DEGREE OF PRIVILEGE TO RESOURCES**

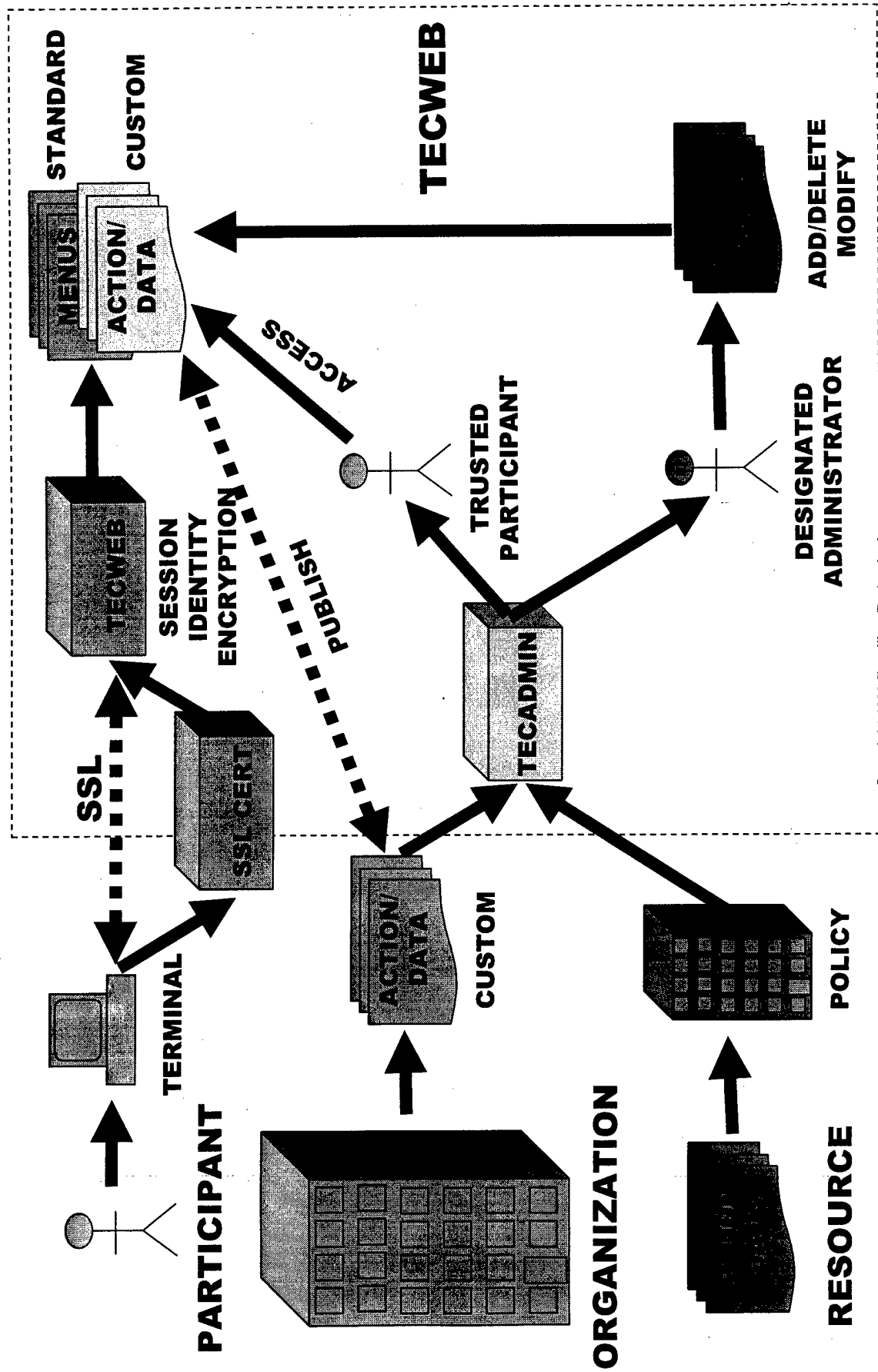
**BY GROUPS  
BY USERS**

**TECADMIN SERVES AS THE GROUP/ACL INTERMEDIARY**

**TRANSACTIONS NOW TAKE PLACE WITHIN A PHONE CALL**



# TECWEB INTERNAL SECURITY MANAGEMENT PRINCIPLES





## **TECWEB MODULAR TOOLS**

**Electronic Mail**

**MIME**

**POP-3 or Local**

**Reflector BBS**

**Databases**

**Standard**

**Custom**

**Web Publishing/**

**Custom HTML**

**File Repositories**

**Up/down load**

**FTP or WEB**

**Other**

**Web Spider**

**Proxy Link**

**Calendars**

**Cafes**

**Discussions**

**Voting tools**

**COMMON**

**ADMINISTRATION**



**INSIGHTS**

**REVIEW FACITT**

**FACILITY AND CAPABILITY INFORMATION FOR TEST AND  
TRAINING**

**WEB BASED (280K PAGES)  
SEARCH ENGINE DRIVEN  
FEATURES**

**CONTROLLED ACCESS  
NATURAL LANGUAGE SEARCH  
KEYWORD SEARCH  
MAP VIEWS**

**ADVANTAGE**

**NO ADDED OVERHEAD (NO DATABASE)  
TEST/TRAINING/LABORATORY DATA  
SELF-MAINTAINING (NO DATA CALLS)**



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TECHNOLOGIES**



- [FACWEB Home](#)
- [FACITT Home](#)
- [FACITT Help](#)
- [Email FACITT](#)
- [Linkable Maps](#)
- [Site Catalog](#)
- [Register a Site](#)
- [Validate a Site](#)

# FACITT

[Report a Bug](#)

## Select Areas to Search

- ☒ Planning Open Air Range
- ☐ Science and Technology
- ☐ International Capabilities
- ☐ Other Government Capabilities
- ☐ Commercial Capabilities
- ☒ DoD T&E Facilities and Resources
- ☐ Test Resource Master Plan
- ☐ Test Capability Master Plans
- ☐ Search Capability Pages Only

[Select All](#)

[Clear All](#)

Enter a Search Phrase

Mode:

Style:

Summary:

AND/OR

Select a Phrase

System Under Test

Test Functional Area

Sponsor

Document Done

TEST PAGE...

Paint Shop ...

9:36 PM



TECWEB Home

FACITT Home

FACITT Help

Email FACITT

Linkable Maps

Site Catalog

Register a Site

Validate a Site

TEST PAGE for frames - Netscape

PM LIVE

Report a Bug

Functional Capabilities

Commercial Capabilities

Test Resource Master Plan

Search Capability Pages Only

corner reflector

DoD TEE Facilities and Resources

Test Capability Master Plan

Enter a Search Phrase

Mode: Concept Style: Average Summary: Center Hit

AND/OR

Select a Phrase

System Under Test

Type of Test

Test Functional Area

Sponsor

And And And

None None None

None And And And

None None None

Document Done

TEST PAGE for fra...

9:37 PM



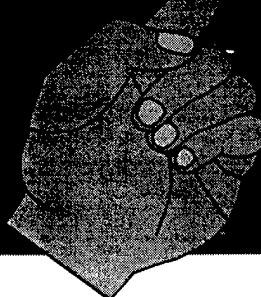
TEST PAGE for frames - Netscape

PM LIVE

TECWEB Home

REPORT

Report a Bug



Linkable Maps

Site Catalog

Register a Site

Validate a Site

**Summary 5** ... a concave mirror as the primary reflector and a convex mirror as a...  
... but has an ellipsoidal primary reflector and spherical secondary...  
... flint glass, triple mirror - a corner cube reflector, triplet - a...

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| 110 | REFLECTOR | Page 1 | Summary |
| 111 | REFLECTOR | Page 1 | Summary |
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| 198 | REFLECTOR | Page 1 | Summary |
| 199 | REFLECTOR | Page 1 | Summary |
| 200 | REFLECTOR | Page 1 | Summary |

Document: Done

TEST PAGE for fra...

9:38 PM







- TECWEB Home
- FACITT Home
- FACITT Help
- Email FACITT
- Linkable Maps
- Site Catalog
- Enter a Site
- a Site

## FACITT

Report a Bug

### Select Areas to Search

- ☐ Trainings Open Air Range
- ☐ Science and Technology
- ☐ International Capabilities
- ☐ Other Government Capabilities
- ☐ Commercial Capabilities
- ☐ DoD T&E Facilities and Resources
- ☐ Test Resource Master Plan
- ☐ Test Capability Master Plans
- ☐ Search Capability Pages Only

Select All  
Clear All

### Enter a Search Phrase

Mode: Concept Style: Average Summary: None

### AND/OR

Select a Phrase

None

### System Under Test

None

### Type of Test

None

### Test Functional Area

None

None

### Sponsor

None

None

Document: Done

TEST PAGE for fra...

9:35 PM



## A screenshot of a Netscape web browser window. The title bar at the top reads "untitled - Netscape". The main content area is mostly white, indicating a blank page or a very light background. There are some faint, illegible markings near the bottom left corner, possibly remnants of a previous page or a watermark. The browser's status bar at the bottom shows "http://www.mozilla.org/" and "Mozilla/5.0 (X11; Linux i686; rv:1.9.0.1) Gecko/20080702 Firefox/3.0.1".





ECWEB Home

FACITT

Report a Bug

FACITT Home

FACITT Help

Email FACITT

Linkable Maps

Site Catalog

Report a Site

Update a Site

### Select Areas to Search

- ☐ Training Open Air Range
- ☐ International Capabilities
- ☐ Commercial Capabilities
- ☐ Test Resource Master Plan
- ☐ Search Capability Pages Only
- ☐ Science and Technology
- ☐ Other Government Capabilities
- ☐ DoD Test Facilities and Resources
- ☐ Test Capability Master Plan

Select All

Clear All

### Enter a Search Phrase

Mode:  Concept  Style:  Average  Summary  None

### AND/OR

Select a Phrase

None  And  None

Type of Text

System Under Test

Test Functional Area

Sponsor

And  None  And  None

And  None  And  None

Document: Done

TEST PAGE for fra...

9:35 PM



TECWEB Home

FACITT

Report a Bug

FACITT Home

FACITT Help


Email FACITT

Linkable Maps


Site Catalog

Register a Site

Validate a Site



What's New [T&E Related Info](#) [RCC](#) [OT&E](#) [MRTFB](#) [Catalog](#)  
[DoD CTEIP](#) [TECNET Info](#) [Useful Resources](#) [Drivers](#)  
[Year2000 Search](#) [Bulletin Boards](#) [Banner News](#) [Telnet to](#)  
[TECNET](#) [Registration](#) [Feedback](#)



## Catalog of Test, Training and Laboratory Resources

|          | DoD          | ARMY          | NAVY          | AIR FORCE     | Government    | Commerce       |
|----------|--------------|---------------|---------------|---------------|---------------|----------------|
| T&E      | DoD T&E      | Army T&E      | Navy T&E      | USAF T&E      | Govt T&E New! | Comm. T&E      |
| OT&E     | DoD OT&E     | Army OT&E     | Navy OT&E     | USAF OT&E     | Govt OT&E     | Comm. OT&E     |
| Training | DoD Training | Army Training | Navy Training | USAF Training | Govt Training | Comm. Training |
| S&T      | DoD S&T      | Army S&T      | Navy S&T New! | USAF S&T      | Govt S&T New! | Comm. S&T      |
| M&S      | DoD M&S      | Army M&S      | Navy M&S      | USAF M&S New! | Govt M&S      | Comm. M&S      |

International T&E Facilities and Resources New!

Submit additional DoD sites appropriate for the Catalog by c

Document Done

TEST PA6E for fra...

9:46 PM



ECWEB Home

FACITT

Report a Bug

FACITT Home

FACITT Help

Email FACITT

Linkable Maps

Site Catalog

Register a Site

Validate a Site

- [Center for Physical and Computational Mathematics \(CPCM\) NEW!](#)
- [Center for Nondestructive Evaluation NEW!](#)
- [Center for Advanced Technology Development \(CATD\) NEW!](#)
- [Microelectronics Research Center \(MRC\) NEW!](#)
- [Virtual Reality Applications Center NEW!](#)
- [New Mexico State University](#)
  - [Physical Science Laboratory NEW!](#)
    - [Applied Science and Intelligent Systems NEW!](#)
    - [Communications and Countermeasure NEW!](#)
    - [Informational Modeling and Threat Analysis NEW!](#)
    - [Suborbital Space NEW!](#)
- [University of Florida](#)
  - [Hardware/Software Intergration Laboratory NEW!](#)
- [Center for Materials Research \(CMR\) at The Ohio State University - Facilities](#)
- [Ohio Materials Network listing of current facilities](#)
- [Center for Industrial Sensors and Measurements](#)
- [University of Maryland - Department of Electrical Engineering - Labs](#)
- [Rice University - Computational Mathematics Laboratory](#)
- [Center for Electromagnetics Research \(CER\) at Northeastern University](#)
- [University of Michigan - Engineering Research](#)
- [Georgia Tech Research](#)
  - [Missile Research](#)
  - [Sensors and Electromagnetic Applications Laboratory](#)
  - [Signature Technology Laboratory](#)
  - [Information Technology & Telecommunications Laboratory](#)

<http://www.ecf.umd.edu/Research/Laboratories.html>

TEST PAGE for fra...



TECWEB Home

FACITT Home

FACITT Help

Email FACITT

Linkable Maps

Site Catalog

Register a Site

Validate a Site

- ☐ Ballistic Missile
- ☐ Barrier
- ☐ Battlespace
- ☐ BC
- ☐ Birdstrike Protection System
- ☐ Bomb
- ☐ Bomber Aircraft
- ☐ Braking System
- ☐ Bridge
- ☐ Built In Test
- ☐ C4I
- ☐ Camouflage
- ☐ Cargo Aircraft
- ☐ CDE
- ☐ Cell
- ☐ Central tire inflation system
- ☐ Chaff
- ☐ Chase Aircraft
- ☐ Chemical Alarms
- ☐ Chemical Biological Defense
- ☐ None

Test Functional Area

None

Sponsor

None

Report a Bug

Select All

Clear All

Type of Test

None

None

None

Document: Done

TEST PAGE for fra...

9:52 PM



INSIGHTS

# INTERNAL MANAGEMENT



**PERMITS INTERNAL CONFIGURATION MANAGEMENT  
SEARCH ENGINE (RETRIEVALWARE) DRIVEN  
FEATURES**

**CONTROLLED ACCESS LIMITED TO STAFF  
NATURAL LANGUAGE SEARCH  
PROCEDURES ON DEMAND  
SPANS ALL TECNET SYSTEMS  
ADVANTAGE**

**NO ADDED OVERHEAD (NO DATABASE)  
RAPID DESKBOOK TYPE HELP  
SIMPLE DOCUMENTATION PROCEDURES**



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Solutions - Netscape  
File Edit View Go Communicator Help PM LIVE

TECNET  
BETA  
Main Menu

Logoff · Bookmark · Help · My IN Box

Go

retrievalware

Mode: Concept Style: Average Summary: Center Hit

Search Expert

SOLUTIONS LIBRARY

Select LIBRARIES

☒ SOLUTIONS-Board

☒ TECNET1-Board

☒ TECNET9-Board

☒ TECNET10-Board

☒ TECNET0-Board

☒ TECNET2-Board

☒ secmon-Board

☒ tecnetr-Board

☒ TECNET6-Board

☒ TECNET7-Board

Select All

Clear All

Start

Document Done

Explo...

Solu...

Micro...

6:42 PM





**Summary 11** Subject: paxAFFTC to Production What: Rolled paxAFFTC to Production setup search engine for production affc How: cd /tecnet/WWW/NetScape/Beta/paxAFFTC sudo BetaToProd Done cd ../media/WWW/affc sudo BetaToProd Done Copied the AFFTC.env index.html AFFTC an

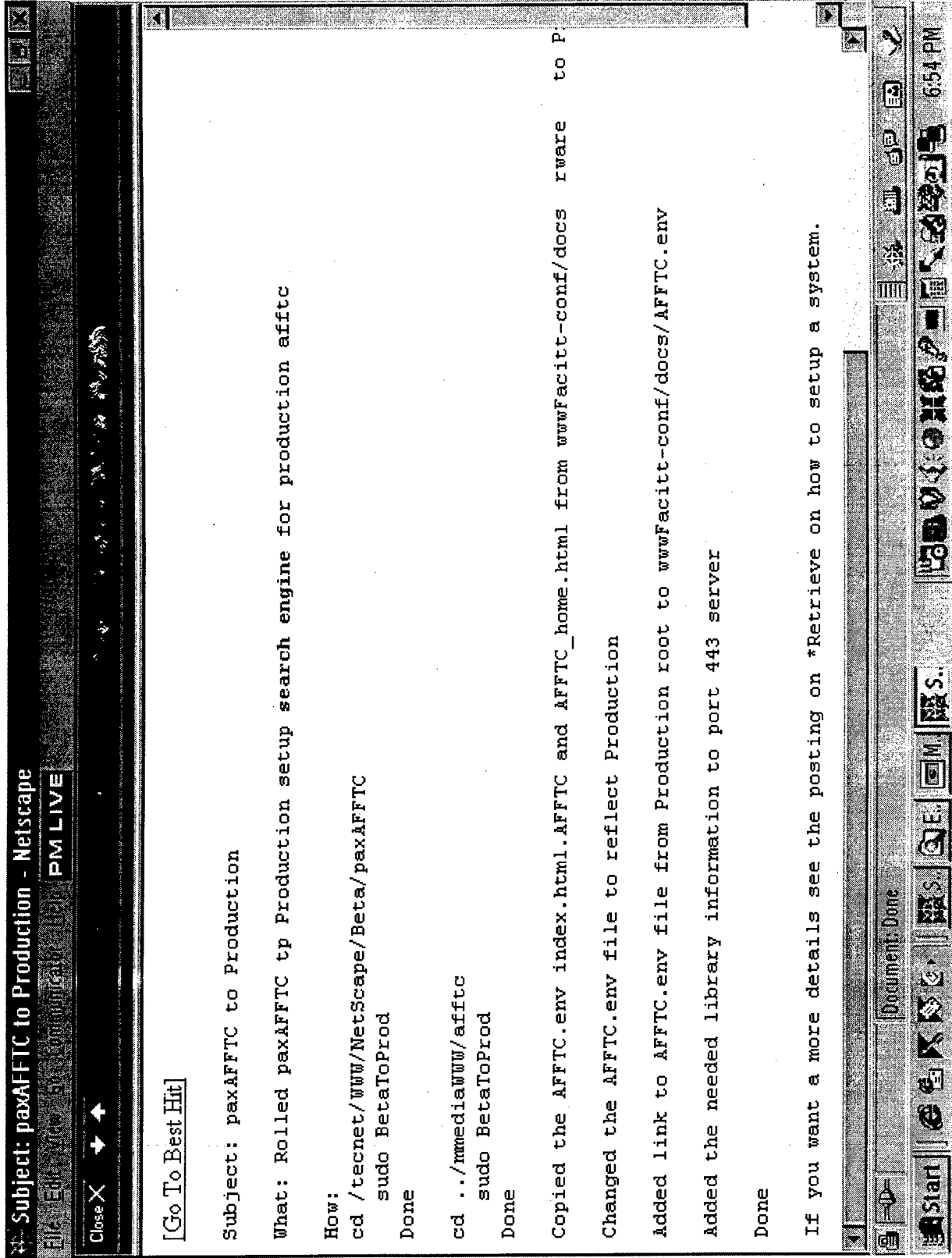
200 documents match your query.

The libraries queried on were **SOLUTIONS-Board, TECNET1-Board, TECNET0-Board, TECNET2-Board, TECNET6-Board, TECNET7-Board, TECNET9-Board, TECNET10-Board, secmon-Board, tecnetr-Board..**

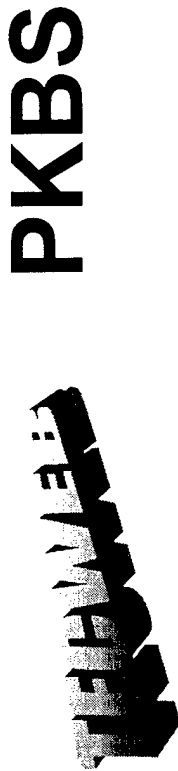
To **preview** the posting in another browser click the document icon.

1. (98) Subject: rebuilt all index cache files with KEYWORD (TECNET0-Board) [Summary]
2. (98) Subject: rebuilt all index cache files with KEYWORD (TECNET0-Board) [Summary]
3. (97) Subject: AFFTC FACITT back on line (TECNET1-Board) [Summary]
4. (97) Subject: AFFTC FACITT back on line (TECNET1-Board) [Summary]
5. (93) Subject: Alpha 8601 Beta 8701 rware 8410 servers (TECNET1-Board) [Summary]
6. (93) Subject: Alpha 8601 Beta 8701 rware 8410 servers (TECNET1-Board) [Summary]
7. (92) Subject: rolled AFFTC to Beta with search (TECNET1-Board) [Summary]
8. (92) Subject: rolled AFFTC to Beta with search (TECNET1-Board) [Summary]
9. (92) Subject: installed enterprise 3.6 server (TECNET1-Board) [Summary]
10. (92) Subject: installed enterprise 3.6 server (TECNET1-Board) [Summary]
11. (91) Subject: paxAFFTC to Production (TECNET1-Board) [Summary]
12. (91) Subject: Updated tripwire (TECNET1-Board) [Summary]
13. (91) Subject: paxAFFTC to Production (TECNET1-Board) [Summary]
14. (91) Subject: Updated tripwire (TECNET1-Board) [Summary]









## PKBS

### **PROCESS BASED KNOWLEDGE SYSTEMS**

**DEFINES WORKFLOW AS PROCESS  
SEARCH ENGINE DRIVEN  
FEATURES**

**CONTROLLED ACCESS TO ROLES  
NATURAL LANGUAGE SEARCH  
RELEVANT KNOWLEDGE ON DEMAND  
PROCESS BASED GIVE AND TAKE  
ADVANTAGE**

**NO ADDED OVERHEAD (NO DATABASE)  
DECISIONS BASED ON CONCEPTS  
RAPID RECONFIGURATION POSSIBLE**



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| Age Group | Percentage of Respondents |
|-----------|---------------------------|
| 18-29     | 85%                       |
| 30-49     | 75%                       |
| 50-69     | 65%                       |
| 70+       | 55%                       |



INSIGHTS



**PROCEDURES**

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# INSIGHTS



## PROCEDURES

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## PROCESS

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## PROCESS

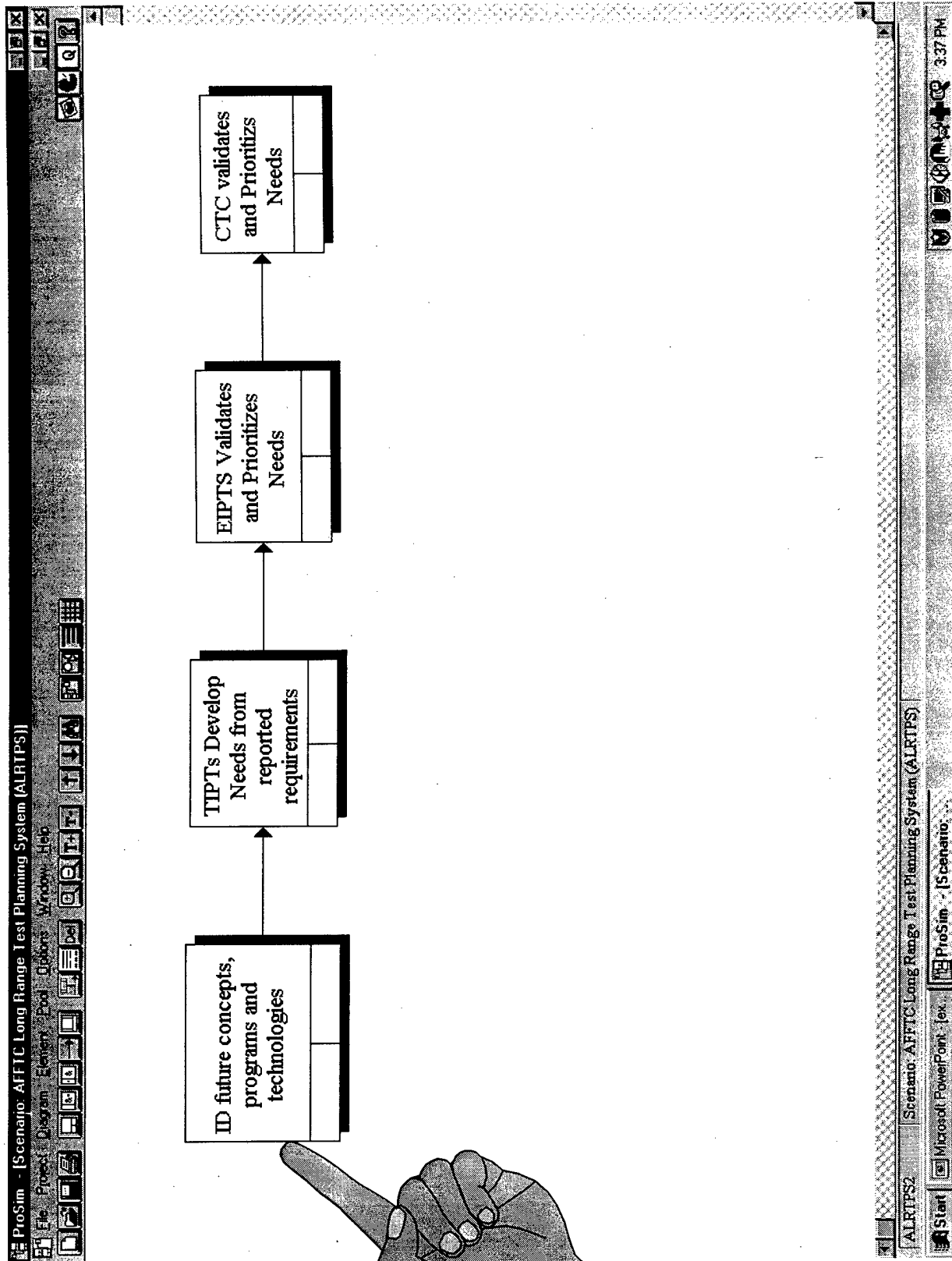
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DATA

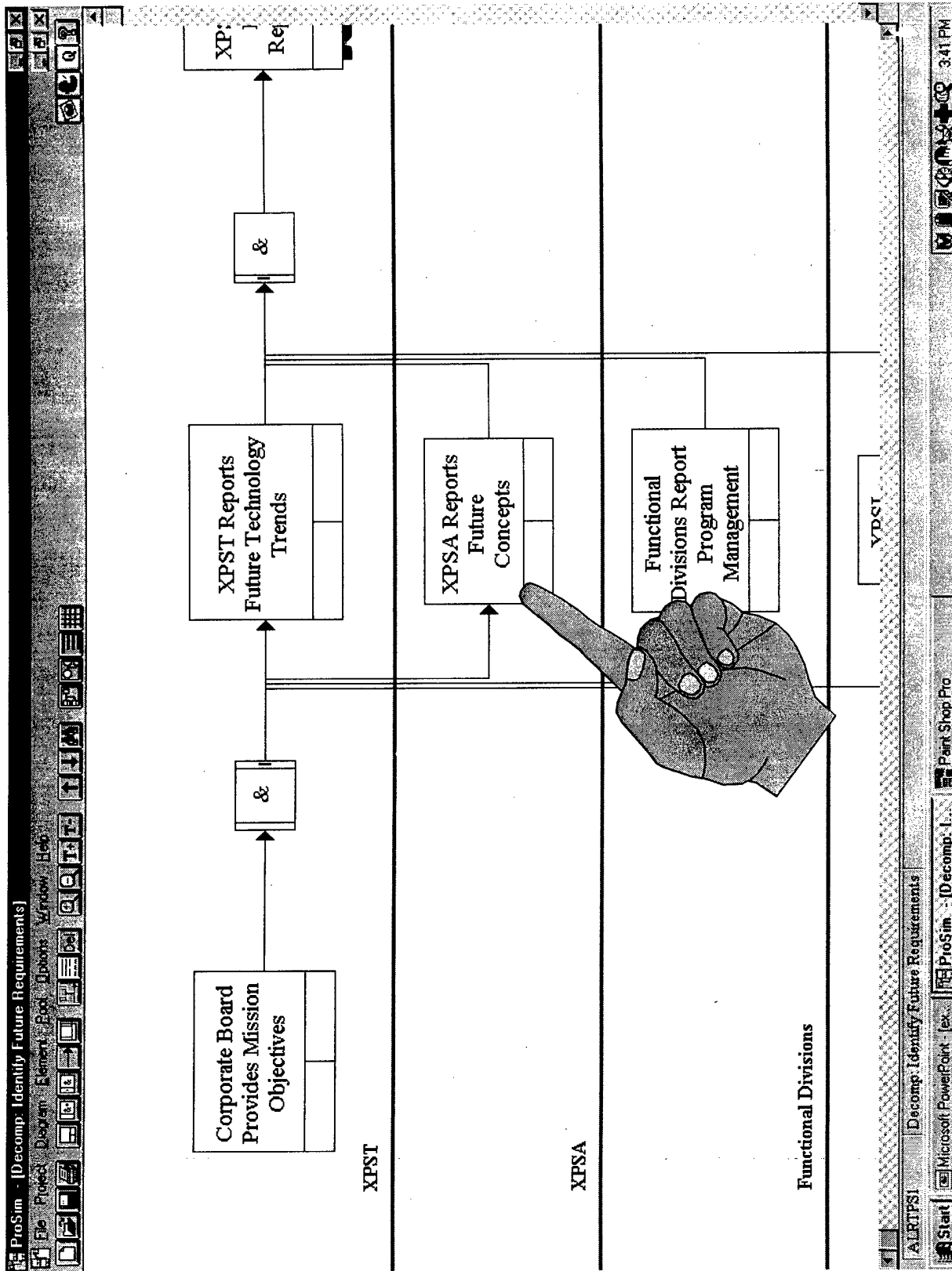




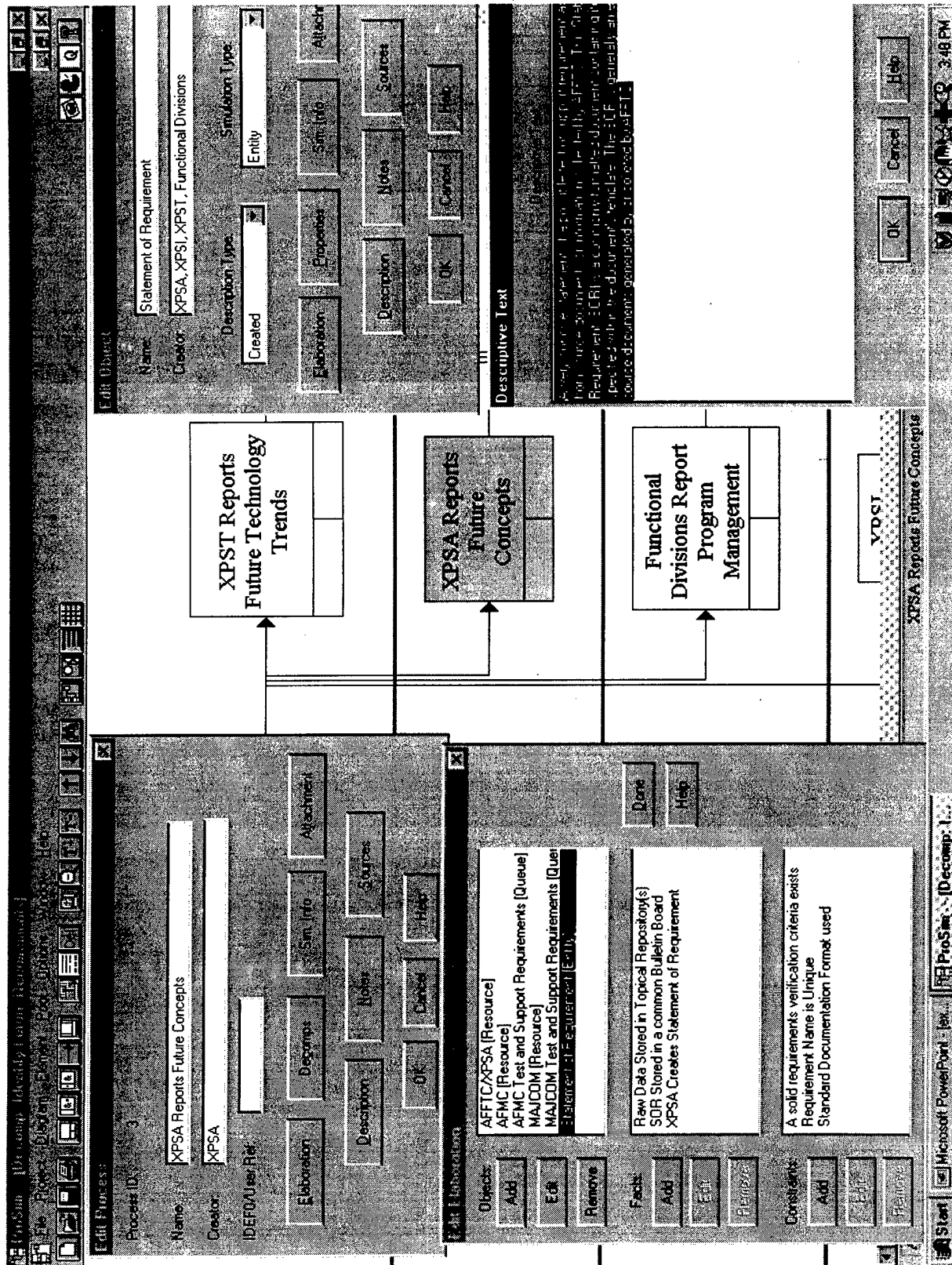












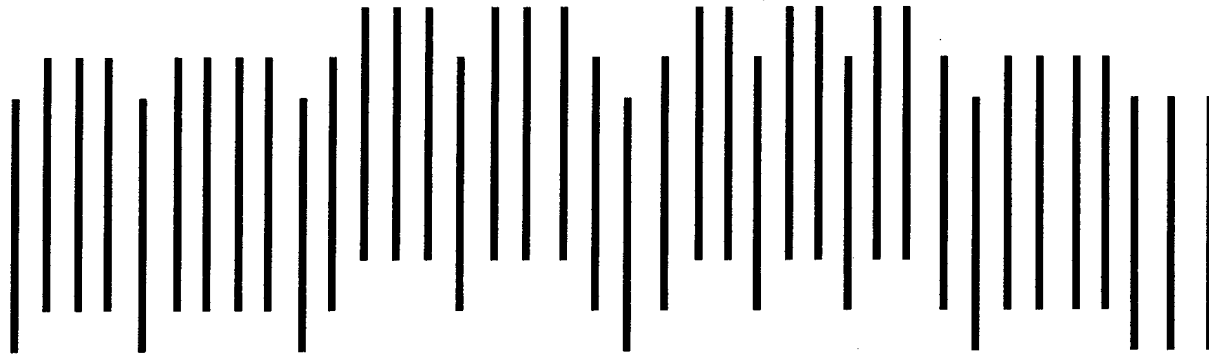


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TECHNOLOGIES

PROCEDURES



AUTHORING



PRESENTATION

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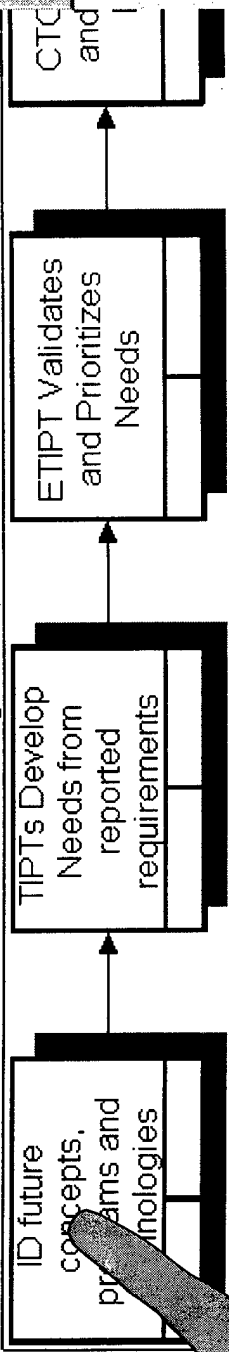
←Back

# HORIZON

- Internal Roles  
(Related to Specific AFFTC Processes)
- External Roles  
(Related to Non-AFFTC Processes)
- Products

# AFFTC Long Range Technology Planning System (Overall Process)

**(The following process steps may be selected by the box to reveal lower level process components)**



**Proposition:** An investments needs derivation process as practiced at the Air Force Flight Research Center (AFFTC), Edwards AFB, California. The proposed mission of the AFFTC Long Range Technology Planning Process is to: Develop, implement, and use an integrated, continuous process to technical requirements for long, medium, and short term strategic planning. Overall guidance from the AFFTC Strategic Action Plan 3-1, Technology Superiority in T&E.


**Purpose:** This model describes the AFFTC Long Range Technology Planning Process in terms



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## HORIZON

- Internal Roles  
(Related to Specific AFFTC Processes)
- External Roles  
(Related to Non-AFFTC Processes)
- Products  
(Involved in the AFFTC Investment Process)
- Other AFFTC Support Groups

[← Back](#)

# ID Future Concepts, Programs and Technologies (Major Process)

## Lower Levels in this Process

### Identify Future Requirements

**Occurs in:** AFFTC Long Range Test Planning System (ALRTPS)

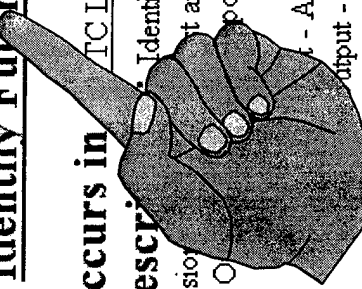
**Description:** Identify future AFFTC concepts, programs and technologies in the form of mission statement and evaluation requirements and future technologies. The AFFTC/XPST is the Owner of this process.

**Input:** - AFFTC and the World  
          - XPST

**Products:** - Define and refine the full range of AFFTC requirements

**Product:** - Filtered List of Known Requirements

**State Change:** - Cyclic Update



## Resources and Products

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Document: Done

Start | End | Home | Back | Forward | Stop | Reload | Print | Find | Zoom In | Zoom Out | Full Screen | Close All | Quit

10:09 PM



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Back

XPST Promulgates Guidance

XPST Reports Future Technology Trends

XPST Reports Future Concepts

J25

J1

Internal Roles  
(Related to Specific AFFTC Processes)

External Roles  
(Related to Non-AFFTC Processes)

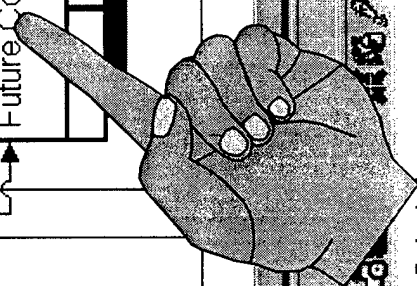
Products  
(Involved in the AFFTC Investment Process)

Other AFFTC Support Groups

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Horizon - Netscape

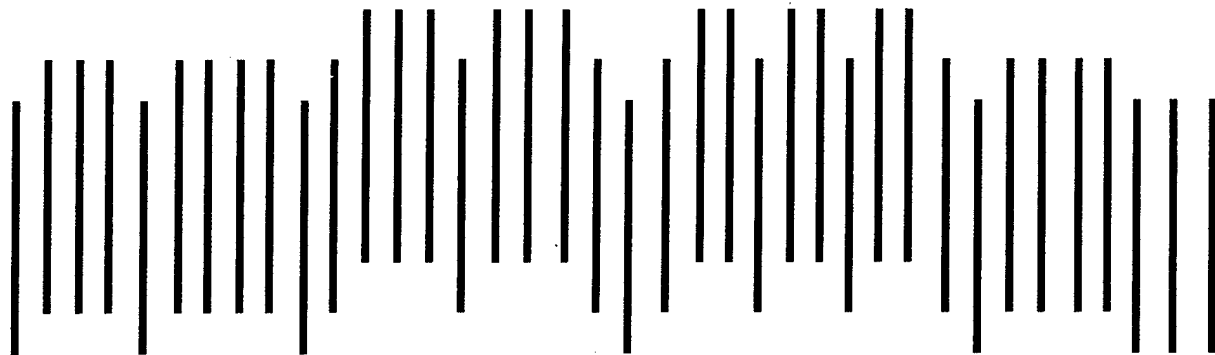
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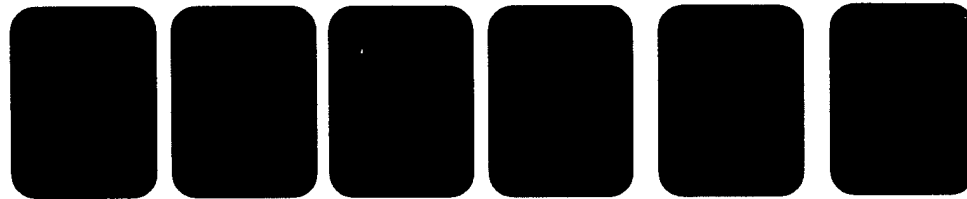


**PROCEDURES**



**INTERACTION**

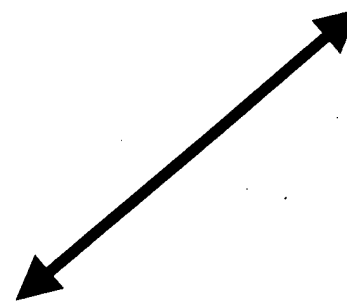
**ROLE  
BASED**



**AUTHORING**



**PRESENTATION**









Repository Listing - Netscape  
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# Repository: Guidance/DoD

Go To Parent

Create Sub-Repository

Upload

Search

File Copy:

Copy To Personal

Set Copying Destination

Help

Selected File(s):

Read

Download

Edit Description

Delete

4 entries in current repository.

| Repositories/Files | Description  | Size          | Last Modified | Owner    |
|--------------------|--|---------------|---------------|----------|
| 50011d.pdf         | DoD 3200.11d: Major Range and Test Facilities Base, Summary of Capabilities. Document is in Adobe .pd... | 3570937 bytes | Mar 29, 1999  | huriburt |
| 50002c3_clean.pdf  | DoD 5000.1: Defense Acquisition. Document is in Adobe .pdf format.                                       | 49218 bytes   | Mar 29, 1999  | huriburt |
|                    | Defense Regulation 5000.2R: Mandatory Procedures for Major Defense Acquisition Programs and Major Aut... | 395092 bytes  | Mar 29, 1999  | huriburt |

Start

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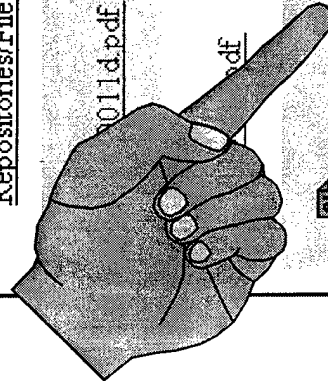
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5000.2-R Change Three



# Department of Defense REGULATION

NUMBER 5000.2-R

**SUBJECT:** Mandatory Procedures for Major Defense Acquisition Programs (MDAPs) and  
Major Automated Information System (MAIS) Acquisition Programs

## REFERENCES

- (a) DoD Directive 5000.1, "Defense Acquisition," 1996
- (b) Additional references, see endnotes

## A. REISSUANCE AND PURPOSE

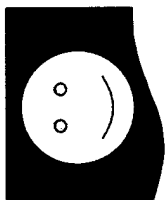
This Regulation:

1. Establishes a simplified and flexible management framework for translating mission needs into stable, affordable, and well-managed MDAPs and MAIS Acquisition Programs;
2. Sets forth mandatory procedures for MDAPs and MAISs and, specifically where stated, for other than MDAPs or MAISs.

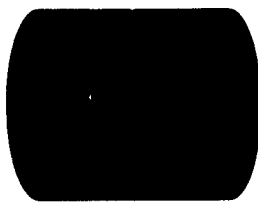
3. Survives as a general model for other than MDAPs or MAISs.



**BRIEFINGS**



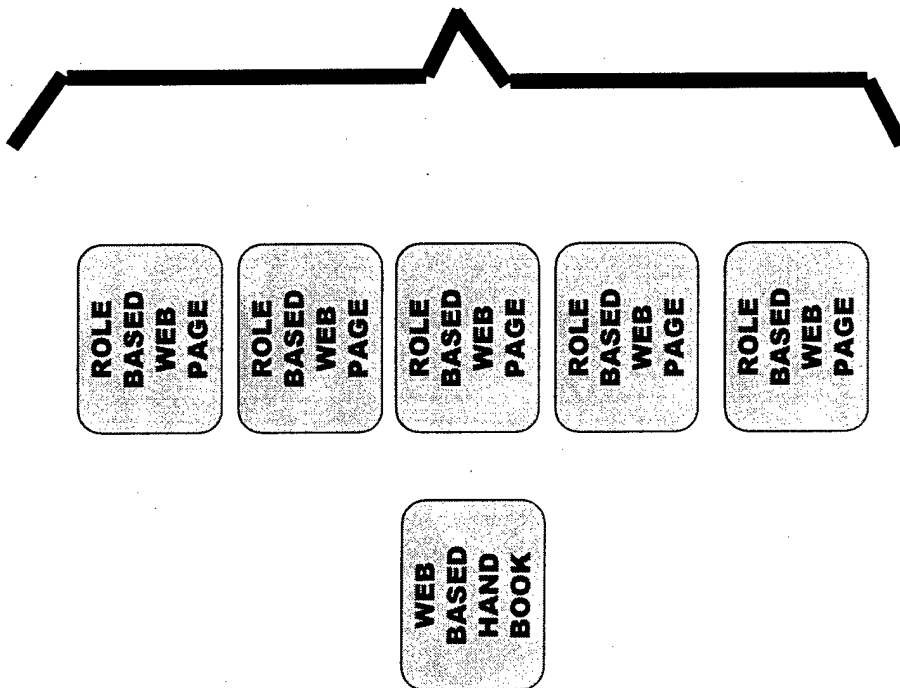
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**PLAIN  
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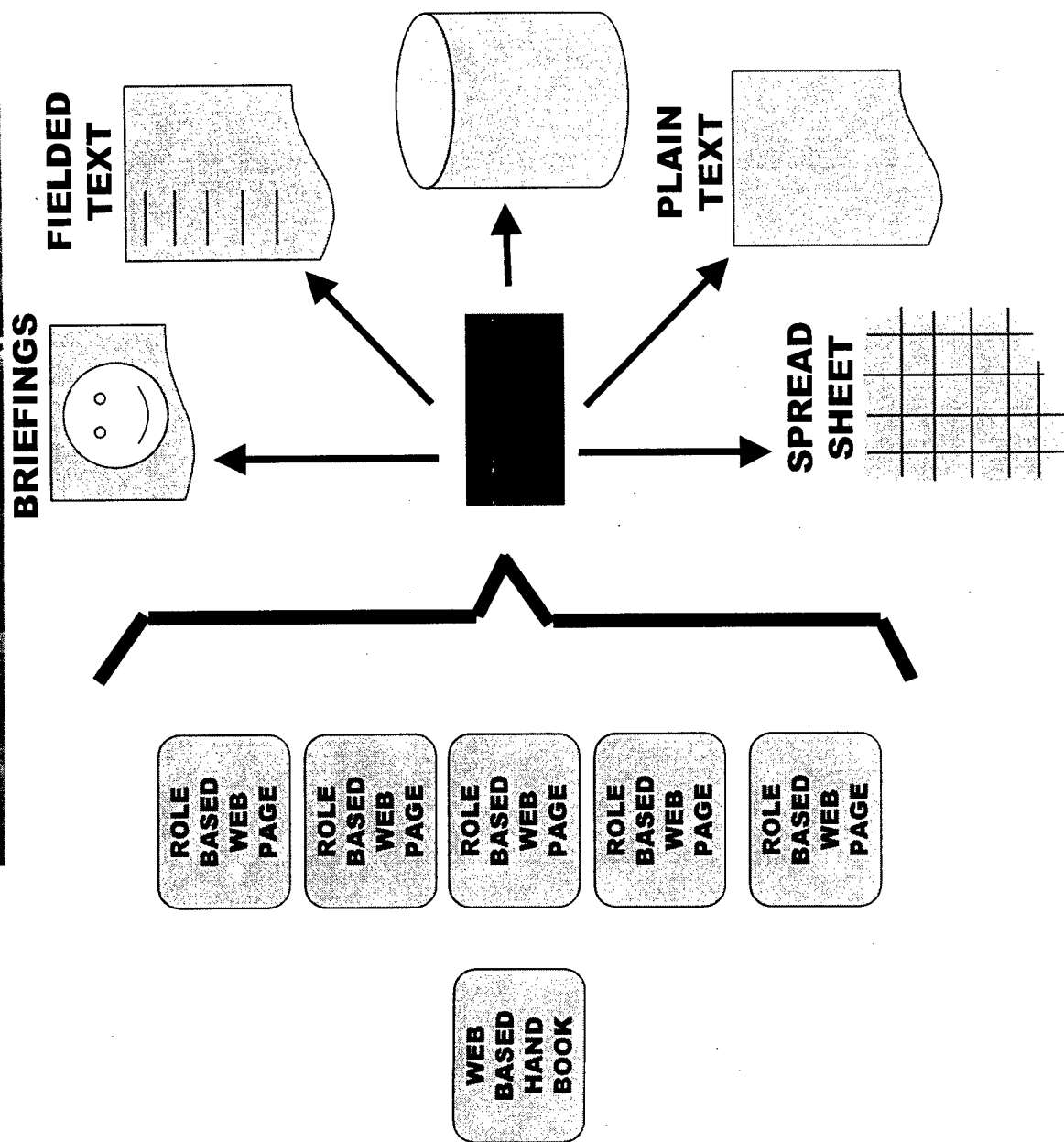
**SPREAD  
SHEET**



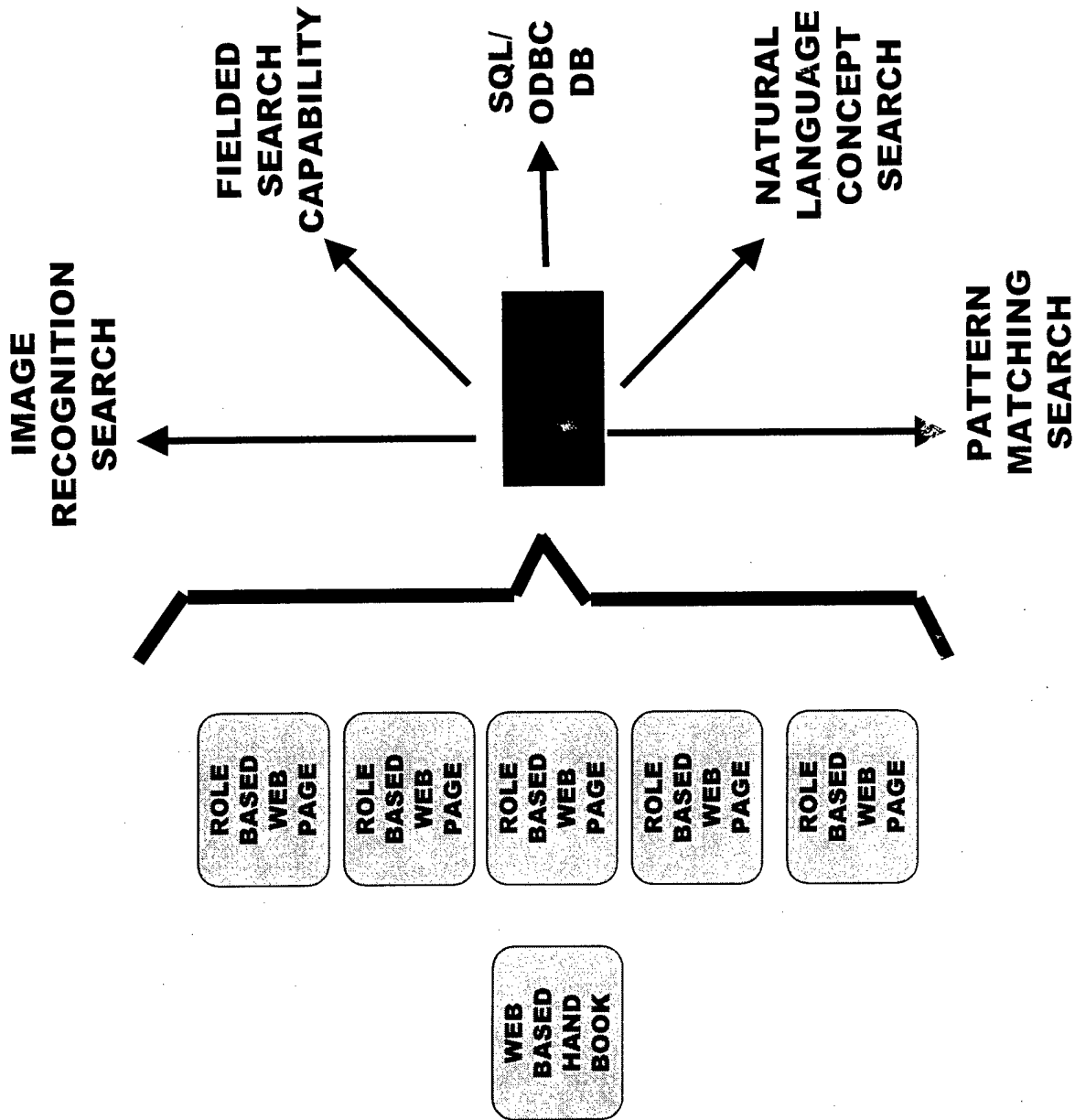
## COMMON DATA TYPES

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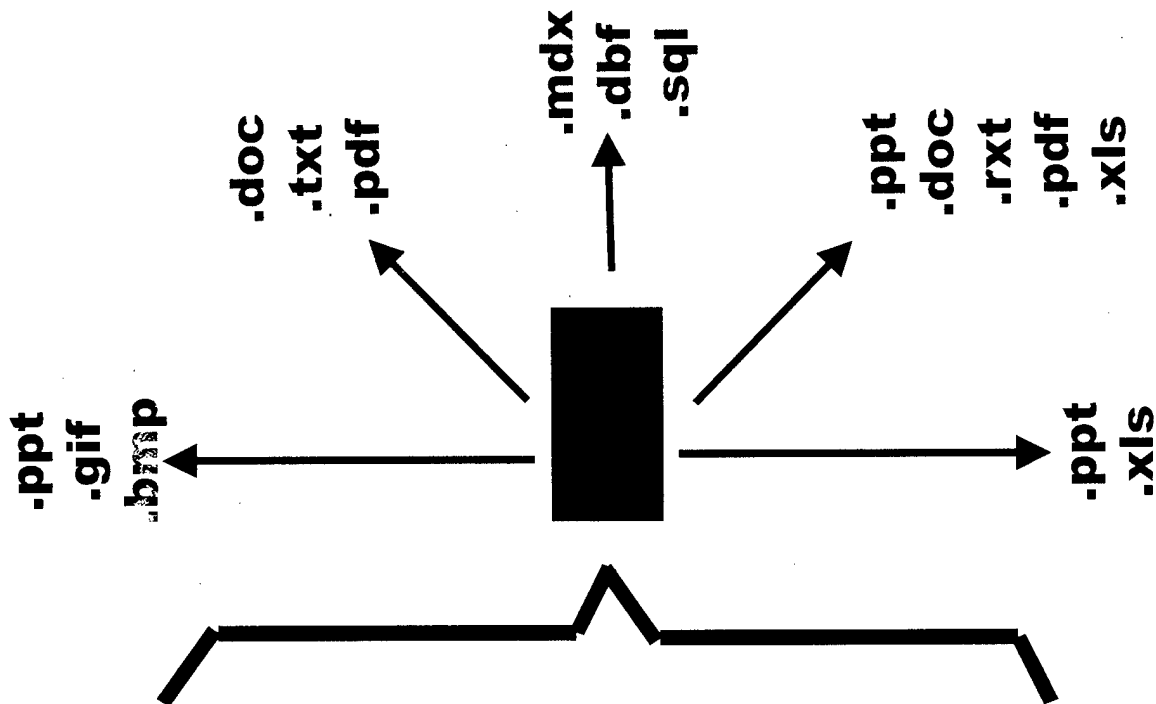
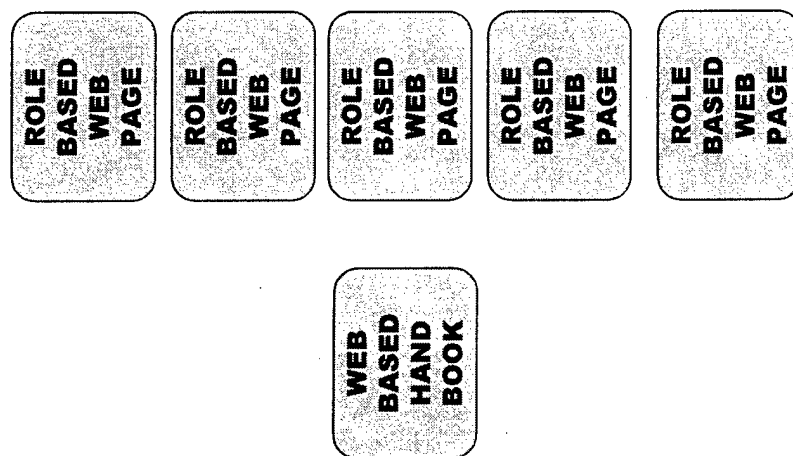




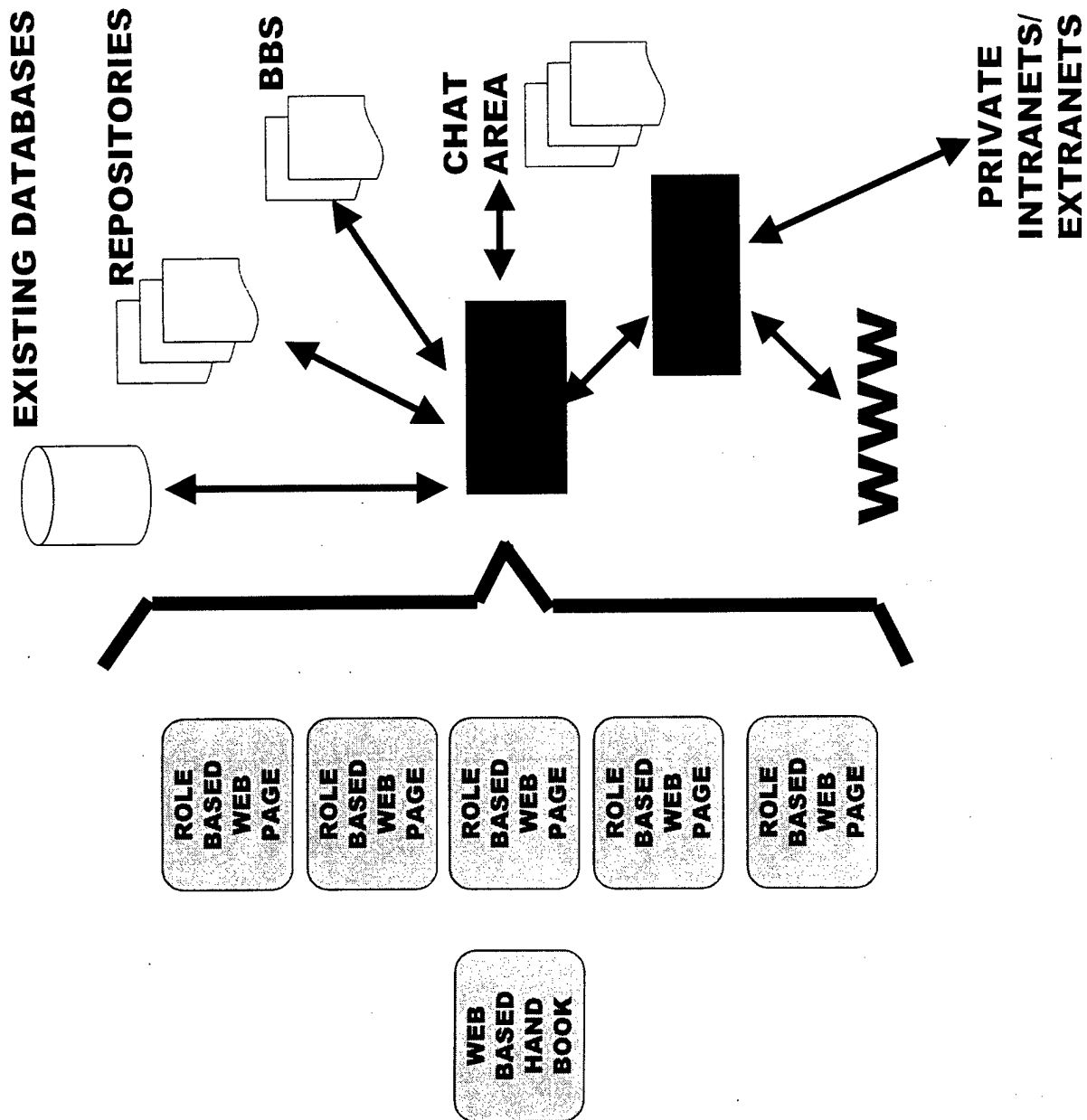
# INSIGHTS



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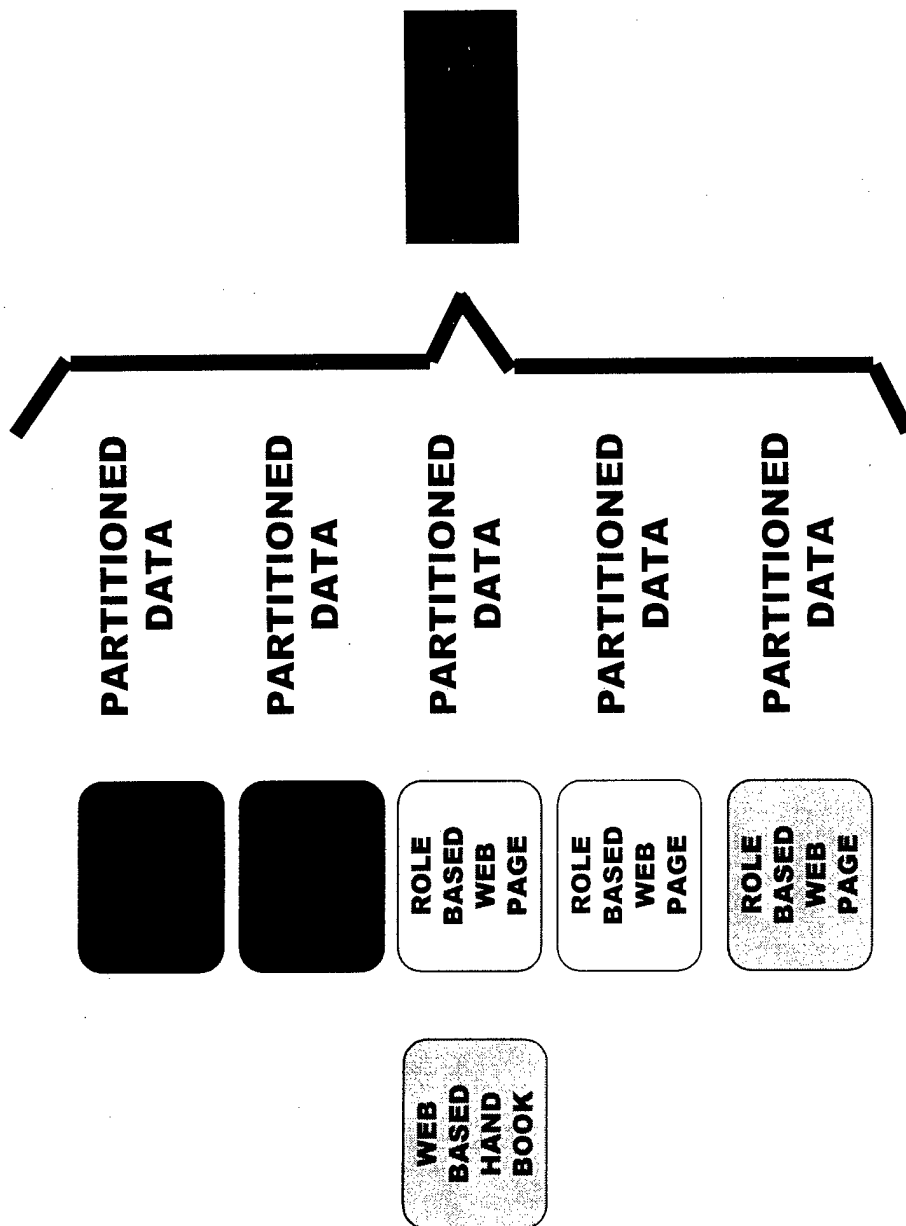




INSIGHTS



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## XPSA Reports Future Concepts (Process)

**←Back**

# HORIZON

- Internal Roles  
(Related to Specific AFFTC Processes)
- External Roles  
(Related to Non-AFFTC Processes)
- Products  
(Involved in the AFFTC Investment Process)
- Other AFFTC  
Support Groups

- Search Requirements Library
  - Examine Vision Documents
  - Examine Guidance Documents
  - Examine Existing Statements of Requirement
- Initiate a new Statement of Requirement
  - Search Requirements Library to Create a New Requirement

## Level in this Process

## SA Consolidates Data

## Occurs in Identify Future Requirements











SOR FORM - Netscape

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# AFFTC STATEMENT OF TECHNOLOGY REQUIREMENT

## SUBMISSION

REQUIREMENT NAME

RESPONSIBLE ORGANIZATION

DESCRIPTION OF REQUIREMENT

SOURCE OF REQUIREMENT INFORMATION

Start

Document: Done

EXPLORE SOR ...

Print ...

8:49 PM







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SearchExpert

Mode: ConceptStyle: AverageSummary: None

Select AllClear All

GUIDANCE LIBRARIES

☐ AFFTC☐ CONGRESS☐ AFMC☐ DoD☐ AFRL☐ Navy Roadmap paper

VISION LIBRARIES

☐ HQ USAF☐ USAF☐ DoD☐ Stmt. of Rqmt.☐ MAJCOM

AFFTC STATEMENT OF TECHNOLOGY  
REQUIREMENT

SUBMISSION

REQUIREMENT NAME

RESPONSIBLE ORGANIZATION



## UNCLASSIFIED - Netscape

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2:52 PM LIVE

Close X

## GENERAL PRINCIPLES: COMMON ZEPHYRUS

Instrumentation System (CAIS) Integration provides standardized airborne test instrumentation to enhance interoperability and commonality. **Global Positioning System**

and commonality.

(GPS) Range Systems will provide a major improvement for **Time-Space-Position-Information (TSPI)** at all Major Range and Test Facility Bases (MRTFB) and

specifically at the Eglin Ranges for munitions testing. Command, Control, Communications, Computers and Intelligence (C

D) Test Capabilities Upgrade will provide

connectivity to existing capabilities and add needed networks and hardware to develop a C

## DESCRIPTION OF REQUIREMENT

Global Positioning System (GPS) Range Systems will provide a major improvement for Time- Space- Position- Information (TSPI) at all Major Range and Test Facility Bases (MRTFB) and specifically at the Eglin Ranges for munitions testing. Command, Control, Communications, Computers and Intelligence (C4I) Test Capabilities Upgrade will provide connectivity to existing capabilities and add needed networks and hardware to develop a C4I test bed. The Preflight Integration of

**SOURCE OF REOUTREMENT INFORMATION:**

| FISCAL YEAR 2000/ 2001 BIENNIAL BUDGET ESTIMATES |  |
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INSIGHTS



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## **PROCESS BASED KNOWLEDGE SYSTEMS**

### **ADAPTABLE**

**SUPPORTS PROCESS AND ITS CHANGE  
SHARES COMMON DATA RESOURCES  
ACCESS CONTROL EXISTS**

### **FLEXIBLE DESIGN**

**MODULAR DATA STORES  
STRAIGHTFORWARD DATA MAPPING  
FILTERING/PARTITIONING AVAILABLE**

### **WORKFLOW DRIVEN**

**BY CALENDAR  
BY EVENTS**

### **A MATTER OF INTEGRATION/SHARING**

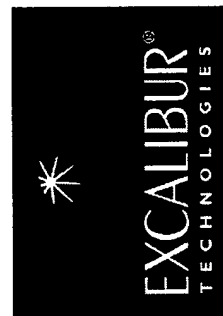


# INSIGHTS

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